

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION - MATERIALS LABORATORY  
PO BOX 47365 OLYMPIA, WA 98504/STREET-1655 S. 2nd AVE TUMWATER, WA 98512

BITUMINOUS SECTION TEST REPORT

TEST OF PAVING ASPHALTS

GRADE: PG70-22 Antistrip: %  
SUPPLIER: U.S.OIL Type:

SHIPPER: U.S.OIL

DATE RECD: 06/24/2010

SR NO:

COUNTY:

SECTION: PORT OF TACOMA RD TO KING CO

WORK ORDER # 007779

TRANS. LTR.# 10789C

LAB.IDENT. # 000010789C

ASPH. LAB. # A100351

BID ITEM. # 93.02

REGION # 43

ACCEPTANCE NO.

ASSURANCE NO.

CERT NO.

DATE SAMPLED

8

278739

06/18/2010

TEST:

RESULTS:

SPECIFICATIONS:

ORIGINAL PROPERTIES:

VISCOSITY

(BROOKFIELD) @ 135 C, Pa s

DYNAMIC SHEAR @ 70 C, kPa

C.O.C. FLASH POINT, C

3 MAXIMUM

1.00 MINIMUM

230 MINIMUM

RTFO AGED PROPERTIES:

MASS LOSS AFTER RTFO, %

DYNAMIC SHEAR @ 70 C, kPa

MSCR @ 3.2 kPa @ C, %

DIFFERENCE RECOVERY, %

NON-RECOVERABLE COMPLIANCE, Jnr

1.00 MAXIMUM

2.20 MINIMUM

REPORT ONLY

REPORT ONLY

REPORT ONLY

MSCR and Jnr testing performed at PG base grade temperature

PAV AGED PROPERTIES:

PAV AGING TEMPERATURE C

DYNAMIC SHEAR @ 28 C, kPa

DYNAMIC SHEAR @ 22 C, kPa

CREEP STIFFNESS @ -12 C

"S", MPa

"m"

5000 MAXIMUM

REPORT ONLY

300 MAXIMUM

0.300 MINIMUM

OSC LABORATORY:

Materials File

General File

REGION: OLYMPIC

Construction Engineer

Materials Engineer

PE: R. SUAFOA

U.S.OIL

X

X

X

X

X(2)

X

Material does MEET

specification requirements.

Remarks:

SAMPLE APPROVED FOR USE ON THIS

CONTRACT BASED ON PREVIOUS AND

SUBSEQUENT PASSING TEST

RESULTS.

THOMAS E. BAKER, P.E.

Materials Engineer

By: Joseph R. DeVol

T-119

T-126

T-120

T-132

T-121

T-133

T-124

T-136

T-130

T-131

T-134

T-173 1

Date 07/14/2010

Telephone 360-709-5421